Safety Data Sheet

according to 1907/2006 (EG)

TOTALIT M

1. Identification of the substance/preparation and of the company/undertaking

Product group : dry chemical

Identification of the substance or preparation

TOTALIT M

Use of the substance/preparation

fire extinguishing agent;
dry chemical

Company/undertaking identification

Company name : TOTAL Feuerschutz GmbH
Street : Industriestraße 13
D-68526 Ladenburg
Telephone : +49 6203 750
Telefax : +49.6203.75-252
Internet : www.total-feuerschutz.de
Inquiry office : Technical Dpt.

2. Composition/information on ingredients

Chemical characterization (preparation)

Mixture of inorganic salts.,
silicic acids,
corrosion inhibitor,
lubricant
processing aid

Further Information

dry powder
Keep container tightly closed in a dry and well-ventilated place.

3. Hazards identification

Classification

This preparation is not classified as dangerous according to Directive 1999/45/EC.
None known.

Explication of special hazards for human health and environment

No hazards resulting from the material as supplied.

4. First aid measures

General information

dry chemical

After inhalation

Move to fresh air.; In case of feeling unwell: Call a physician immediately.

After contact with skin

In case of skin contact Wash off with soap and water.

After contact with eyes

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.

After ingestion

If swallowed Give small amounts of water to drink.

5. Fire-fighting measures

Suitable extinguishing media

not applicable

Extinguishing media which must not be used for safety reasons

not applicable

Special protective equipment for fire-fighters

Not required

Additional information

The product itself does not burn.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Do not flush into surface water or sanitary sewer system.

6. Accidental release measures

Personal precautions

Avoid dust formation.
In the case of dust or aerosol formation use respirator with filter model P1/FFP1 (according to DIN 3181, 1980).

Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains.

Methods for cleaning up/taking up

Sweep up or vacuum up spillage and collect in suitable container for disposal.

7. Handling and storage

Handling

Advice on safe handling

Not required

Advice on protection against fire and explosion

Not required

Further information on handling

Not required

Storage

Requirements for storage rooms and vessels

Keep in a dry place. Keep at temperatures below 60°C.

Advice on storage compatibility

Not required

Further information on storage conditions

Store in original container. Keep tightly closed.

8. Exposure controls/personal protection

Exposure limit values

Exposure limits (EH40)

CAS No.	Substance	ml/m³	mg/m³	F/ml	Category	Origin
					-	-

Additional advice on control parameters

Not required

Exposure controls

Occupational exposure controls

Not required

Protective and hygiene measures

Avoid dust formation in confined areas.

Respiratory protection

In the case of dust or aerosol formation use respirator with filter model P1 / FFP1 (according to DIN 3181, 1980).

Hand protection

Not required

Eye protection

Not required

Skin protection

Not required

Environmental exposure controls

Do not flush into surface water. Do not let product enter drains.

9. Physical and chemical properties

General information

Physical state :	solid, free flowing wettable powder
Colour :	colourless
Odour :	none

Important health, safety and environmental information

pH-Value (at 20 °C) :	7.0 - 9.0 (10% Soln.)

Changes in the physical state

Melting point :	>1.000 °C
Flash point :	none

Explosive properties

not applicable

Oxidizing properties

The product is not flammable.; fire extinguishing agent

Water solubility : at 20 °C	<950 (after longer influencing) g/L

Other information

Bulk density 900-1200kg/m3

10. Stability and reactivity

Materials to avoid

strong acids and strong bases

Hazardous desition prvvfs

carbon dioxide (CO_2)

11. Toxicological information

Acute toxicity

None known.

Specific effects in experiment on an animal

None known.

Corrosive and irritant effects

None known.

Sensitising effects

None known.

Severe effects after repeated or prolonged exposure

None known.

Carcinogenic/mutagenic/toxic effects for reproduction

None known.

Empirical data on effects on humans

None known.
None known.

12. Ecological information

Ecotoxicity

This product has no known eco-toxicological effects.

Mobility

Water solubility : soluble

Persistence and degradability

Readily biodegradable, according to appropriate OECD test.

Bioaccumulative potential

Does not bioaccumulate.

Other adverse effects

slightly water endangering

Further information

Information given is based on data on the components and the ecotoxicology of similar products.

13. Disposal considerations

Advice on disposal

Waste from residues: In accordance with local and national regulations.
Where possible recycling is preferred to disposal or incineration. Contact the proper local authorities.

Waste disposal number of waste from residues/unused products

160506 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals

Contaminated packaging

Clean container with water. Can be disposed as waste water, when in compliance with local regulations.

14. Transport information

Land transport (ADR/RID)

ADR/RID class : None known.

Description of the goods

fire extinguishing agent

Remarks (land transport)

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

Inland waterways transport

Description of the goods

fire extinguishing agent

Remarks (inland waterways transport)

Not classified as dangerous in the meaning of sea and air transport regulations.

Marine transport

Description of the goods

fire extinguishing agent

Remarks (marine transport)

Not classified as dangerous in the meaning of sea and air transport regulations.

Air transport

Description of the goods

fire extinguishing agent

Remarks (air transport)

Not classified as dangerous in the meaning of sea and air transport regulations.

15. Regulatory information

Labelling

Labelling according to EC-guidelines : Not required

National regulations

Water contaminating class : 1 - slightly water contaminating

16. Other information

Other data

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release
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